

ABSTRACT

A re-multiplexer module for use in a packet processing system used in cable television headend devices generates two or more output streams from two or more MPEG input transport streams. The re-multiplexer module includes an input processing portion that receives a plurality of input data streams containing packet data, a plurality of packet buffers to store the packet data, an output processor that selectively multiplexes the data packets in the packet buffers, and a host processor that controls the operation of the input processing portion and the output processing portion.